

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Verschueren et al.

Serial No.: To be assigned

Filed: September 26, 2001

For: SMAD-INTERACTING  
POLYPEPTIDES AND THEIR USE

Examiner: To be assigned

Group Art Unit: To be assigned

Attorney Docket No.: 4232.1US

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PATENT

JC997 U.S. PTO  
09/964238  
09/26/01

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record.

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

**DOCUMENTS**

Foreign Patent Documents

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
WO 98/55512	12/10/1998	PCT

Other Documents

#Chen et al., "A transcriptional partner for MAD proteins in TGF- $\beta$  signalling", Nature, Vol. 383, pp. 691-696, October 24, 1996.

#Database Embl Est 16: "Mus musculus cDNA clone 584313 5' DNA-binding protein", Accession No. AA125512, November 26, 1996, XP002084026, Compare nucleotides 1-461 of AA125512 with nucleotides 1567-2027 in Seq. ID No.: 1, 1 page.

#Database Embl Hum1: "Human mRNA for KIAA0150 gene, partial cds.", Accession number D63484, August 3, 1996, XP002084022, compare nucleotides 1-2908 of D63484 with nucleotides 38-2952 in Seq. ID No: 3, 5 pages.

#Database Embl Emrod: "Mouse Wnt-7b mRNA, complete cds.", Accession number M89802, April 3, 1992, XP002084023, cited in the application compare nucleotides 74-529 in M89802 with nucleotides 391-848 in Seq. ID No.:8, 2 pages.

#Database Embl Est 16: "Stratagene mouse melanoma. Mus musculus cDNA clone 651678 5'", Accession number AA212269, February 3, 1997, XP002084024, cited in the application Compare nucleotides 1-432 of AA212269 with nucleotides 930-1362 in Seq. ID No.:10, 1 page.

#Database Embl EMHUM1: "Homo sapiens mRNA for KIAA0569 protein, complete cds.", Accession number AB011141, April 10, 1998, XP002084025, compare nucleotides 1250-4249 in AB011141 with nucleotides 8-3007 in Seq. ID No.:1, 4 pages.

#de Caestecker et al., "Characterization of Functional Domains within Smad4/DPC4\*", The Journal of Biological Chemistry, Vol. 272, No. 21, May 23, 1997, pp. 13690-13696.

#Lagna et al., "Partnership between DPC4 and SMAD proteins in TGF- $\beta$  signalling pathways", Nature, Vol. 383, October 31, 1996, pp. 832-836.

#Meersseman et al., "The C-terminal domain of Mad-like signal transducers is sufficient for biological activity in the Xenopus embryo and transcriptional activation", Mechanisms of Development, 61 (1997), pp. 127-140.

#W. French Anderson. Human gene therapy. Nature, 392, S, 25-30, 1998.

#GENCORE DB VERSION 4.5 AC AB011141 US-09-449-285-1, 1998.

#GENCORE DB VERSION 4.5 AC Q14163 US-09-449-285-4, 1995.

#GENCORE DB VERSION 4.5 AC M89802 US-09-449-285-8, 1990.

#GENCORE DB VERSION 4.5 AC E10101 US-09-449-285-10, 1995.

PCT International Search Report, PCT/EP 98/03193, dated 11/27/1998.

PCT International Preliminary Examination Report, PCT/EP 98/03193, dated 9/15/1999.

#Pursuant to 37 C.F.R. § 1.98(d), copies of the previously identified patents are not being provided since they were previously cited by or submitted to the Office in the following prior application:

Serial No.: 09/449,285

Filed: November 24, 1999

For: SMAD-INTERACTING POLYPEPTIDES AND THEIR USE

which application is being relied upon for an earlier filing date under 35 U.S.C. § 120.

Applicants offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,



Allen C. Turner

Registration No. 33,041

Attorney for Applicants

TRASKBRITT, PC

P. O. Box 2550

Salt Lake City, Utah 84110-2550

Telephone: (801) 532-1922

Date: September 26, 2001

ACT/le

Enclosures: Form PTO-1449

N:\2676\4232\IDS 09/24/1

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>4232.1US</b>	Application Number <b>To be assigned</b>
	Applicant <b>Verschuere et al.</b>	
	Filing Date <b>September 26, 2001</b>	Group Art Unit <b>To be assigned</b>

09/26/01  
09/964238  
U.S. PAT. & TM. OFF.

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

### FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
					YES	NO
WO 98/55512	12/10/1998	PCT				

### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	#Chen et al., "A transcriptional partner for MAD proteins in TGF- $\beta$ signalling", <u>Nature</u> , Vol. 383, pp. 691-696, October 24, 1996.
	#Database Embl Est 16: "Mus musculus cDNA clone 584313 5' DNA-binding protein", Accession No. AA125512, November 26, 1996, XP002084026, Compare nucleotides 1-461 of AA125512 with nucleotides 1567-2027 in Seq. ID No.: 1, 1 page.
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	#de Caestecker et al., "Characterization of Functional Domains within Smad4/DPC4", <u>The Journal of Biological Chemistry</u> , Vol. 272, No. 21, May 23, 1997, pp. 13690-13696.
	#Lagna et al., "Partnership between DPC4 and SMAD proteins in TGF- $\beta$ signalling pathways", <u>Nature</u> , Vol. 383, October 31, 1996, pp. 832-836.
	#Meersseman et al., "The C-terminal domain of Mad-like signal transducers is sufficient for biological activity in the <i>Xenopus</i> embryo and transcriptional activation", <u>Mechanisms of Development</u> , 61 (1997), pp. 127-140.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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